



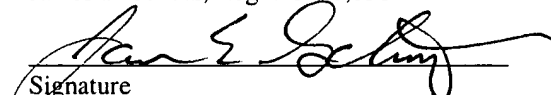
PATENTS  
CUSTOMER NO. 006980

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF	)	EXAMINER:
Zadehgol, et al.	)	
	)	
APPLICATION SERIAL NO.	)	GROUP ART UNIT: 2836
10/820,648	)	
FILED: April 8, 2004	)	
	)	
TITLE: APPARATUS, SYSTEM, AND	)	ATTY. DOCKET NO.
METHOD FOR HIGH FREQUENCY	)	P18563 (INTEL29)
SIGNAL DISTRIBUTION	)	

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 19, 2004.

James E. Schutz, Reg. No. 48,658

  
Signature

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

Commissioner for Patents  
Mail Stop Missing Parts  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed June 23, 2004, the following are enclosed:

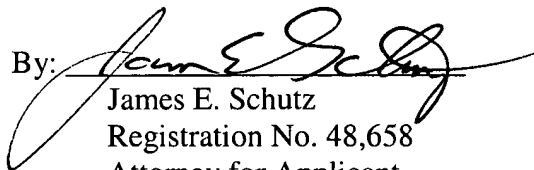
1. Copy of Notice to File Missing Parts of Nonprovisional Application;
2. Declarations executed by the inventors;

U.S. Patent Application Serial No. 10/820,648  
Applicant: Zadehgoi, et al.

3. Fee Transmittal;
4. Check for \$1044 in payment of the required fee; and
5. Return receipt postcard.

No further fees are believed to be due at this time. However, the Commissioner is authorized to debit deposit account No. 20-1507 if any additional fees are deemed due.

Respectfully submitted,

By:   
James E. Schutz  
Registration No. 48,658  
Attorney for Applicant

Troutman Sanders LLP  
600 Peachtree Street, NE  
Suite 5200  
Atlanta, Georgia 30308-2216  
(404) 885-3498

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2004**

Effective 01/01/03, patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**1044.00****Complete if Known**

Application Number	10/820,648
Filing Date	April 8, 2004
First Named Inventor	Zadehgoi
Examiner Name	unassigned
Art Unit	2836
Attorney Docket No.	P18563(INTEL29)

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number

20-1507

Deposit  
Account  
Name

TROUTMAN SANDERS LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)		
1001	770	2001	385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b> (\$)					770

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Extra Claims Fee from Fee Paid below

Total Claims	28	- 20** =	8	X	18	=	144
Independent Claims	3	- 3** =	0	X	0	=	0
Multiple Dependent						=	144

Large	Entity	Small	Entity	
Fee	Fee	Fee	Fee	<u>Fee Description</u>
Code	(\$)	Code	(\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	130
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR after Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**130****SUBMITTED BY**

Name (Print/Type)

James E. Schutz

Signature

**Complete (if applicable)**Registration. No.  
(Attorney/Agent)

48,658

Telephone

404-885-3498

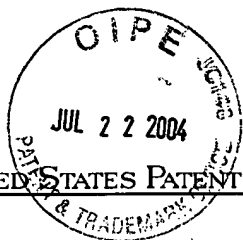
Date

July 19, 2004

**WARNING: Information of this may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/820,648	04/08/2004	Ata Zadehgoi	P18563(INTEL29)

CONFIRMATION NO. 8505

## FORMALITIES LETTER



\*OC000000013033796\*

006980  
 TROUTMAN SANDERS LLP  
 BANK OF AMERICA PLAZA, SUITE 5200  
 600 PEACHTREE STREET, NE  
 ATLANTA, GA 30308-2216

Date Mailed: 06/23/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$144** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1044** for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$144**

07/23/2004 RHEBRAHT 00000062 10820648  
 01 FC:1001  
 02 FC:1051  
 03 FC:1202  
 770.00 OP  
 130.00 OP  
 144.00 OP

- \$144 for 8 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice MUST be returned with the reply.*



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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY